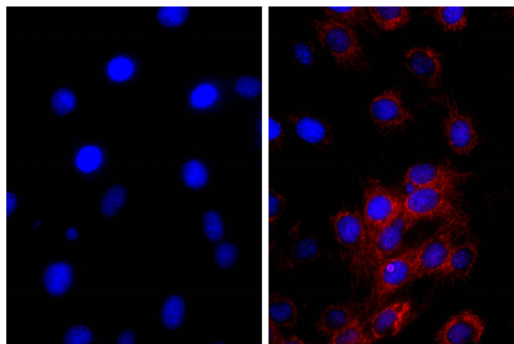




Donkey Anti-Rat IgG(H+L), Mouse SP ads

Cat. No.	Format	Size
6430-01	Purified (UNLB)	1.0 mg
6430-02	Fluorescein (FITC)	1.0 mg
6430-04	Alkaline Phosphatase (AP)	1.0 mL
6430-05	Horseradish Peroxidase (HRP)	1.0 mL
6430-08	Biotin (BIOT)	1.0 mg
6430-09	R-phycoerythrin (PE)	0.5 mg
6430-30	Alexa Fluor [®] 488 (AF488)	1.0 mg
6430-31	Alexa Fluor [®] 647 (AF647)	1.0 mg
6430-32	Alexa Fluor [®] 555 (AF555)	1.0 mg



NIH/Swiss mouse fibroblast cell line 3T3 was stained with Rat Anti-β-Actin-UNLB (right) followed by Donkey Anti-Rat IgG(H+L), Mouse SP ads-AF555 (SB Cat. No. 6430-32) and DAPI.

Description

Specificity	Reacts with the heavy and light chains of rat IgG and the light chains of rat IgM
Source	Pooled antisera from donkeys hyperimmunized with rat IgG
Cross Adsorption	Mouse serum proteins (SP); may react with immunoglobulins from other species and the light chains of other rat immunoglobulins
Purification	Affinity chromatography on rat IgG covalently linked to agarose

Applications

Quality tested applications include –

ELISA
FLISA

Other referenced applications include –

IHC-PS¹
ICC³
WB²

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000

FLISA	FITC, AF488, and AF555 conjugates	1:200 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 1.0 mg in 1.0 mL PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor[®] 488 (AF488), Alexa Fluor[®] 555 (AF555), and Alexa Fluor[®] 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific (M)SDS.

References

1. Basso K, Schneider C, Shen Q, Holmes AB, Setty M, Leslie C, et al. BCL6 positively regulates AID and germinal center gene expression via repression of miR-155. *J Exp Med.* 2012;209:2455-65. (IHC-PS)
2. SouthernBiotech unpublished data (WB)
3. SouthernBiotech published data (ICC)

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